

Assignment 1

PAGE

DATE

1

LDA

BETA

MUL

GAMMA

STA

ALPHA

Alpha Resw 1

BETA Resw 1

GAMMA Resw 1

2

LDA

BETA

DIV

GAMMA

STA

ALPHA

ALPHA

RESW 1

BETA

RESW 1

GAMMA

RESW 1

3] LDA zero

STA Index

Loop LD~~X~~ Index

LDA zero

STA ALPHA, x

LDA INDEX

ADD Three

STA INDEX

COMP K300

TX TWENTY

LT LOOP

INDEX RESW 1

ALPHA RESW 100

zero word 0

K300 word 100

Three word 3

Start 0
5] LDA ofs

loop 123 ofs

Add num

write 1 to stdout

td1 ~~TD~~ stdout

JEQ td1

WD stdout

increase offset

LDA ofs

Add one

STA ofs

Comp count

JLT 10